

**Work Order ID 64712**

Tuesday, December 14, 2010 1:14:46 PM



Page 1

Item ID: D412-702-101B

Accept



Setup Start



Revision ID:

Stop



Item Name: Harness Assembly

Start Date: 12/14/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 12/22/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date: 12/21/14

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

100

0.00



Small Fab

Memo

0.00

Small Fab

Assemble as per dwg ICA D412-702 p.79

10/12/16 (10)

110

0.00



QC

QC5- Inspect part completeness to step on W/O

Memo

0.00

Quality Control

8/10/12/16

(10)

120

0.00



Packaging

Memo

0.00

Packaging

Identify with P/N &amp; CHG# and pack for shipping as per PPP D412-702-101B

CHG001

Location: 274

PPP Rev: \_\_\_\_\_

10/12/16 SP

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 64712**

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Item ID: D412-702-101B

Accept

Revision ID:

Item Name: Harness Assembly

Start Date: 12/14/2010 Start Qty: 1.00

Required Date: 12/22/2010 Req'd Qty: 1.00

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/12/16 [Signature]

U 10.12.16

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries





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[illegible]**Required Date:** 12/22/2010

**Required Qty: 1.00**

**Comments:** IPP rev A 07.05.10 new issue EC  
IPP Rev:B Removed Decal D3569 07-07-06 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN960JD10LL  Washer		Purchased	No			100	Each	4,099.000	4	4			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST349				4099					
					19085			472					
					19600			3627					
D3573-7  Adapter		Manufactured	No			100	Each	4.0000	1	1			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST244				4					
					31864			1					
					50470			3					
D3579-046  Shoulder Harness		Manufactured	No			100	Each	5.0000	1	1			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST273				5					
					59040			5					
K62  CLIP		Purchased	No			100	Each	26.0000	1	1			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST243A				26					
					110957			1					
					113878			25					

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# Picklist Print

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Work Order ID: 64712

Parent Item: D412-702-101B

Parent Item Name: Harness Assembly



Start Date: 12/14/2010

Required Date: 12/22/2010

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

100

Each

2,030.000

4

4



Nut

Location

Loc Qty

Loc Code

ST300

2030

114784

34

115835

996

116373

100

116391

900



*Ep 12/16*

4

MS24693-S272

Purchased

No

100

Each

185.0000

4

4



Screw

Location

Loc Qty

Loc Code

ST288

185

111548

1

112492

4

115835

80

116391

100



*Ep 12/16*

4

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Shop Packet Print

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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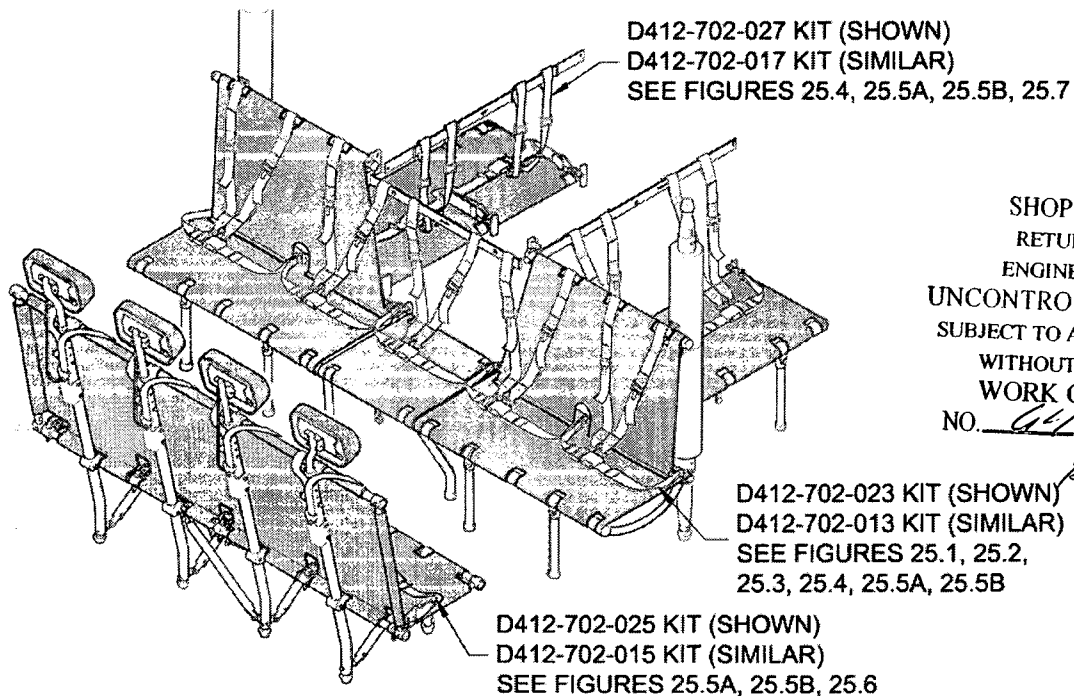


The Dart **D412-702-069** Grommet Kit provides grommets and grommet installation tools for use on the OEM thermal blankets when installing the 4-point shoulder harness kits.

The D412-702-011/-013/-015/-017/-019 kits can be converted to D412-702-021/-023/-025/-027/-029 kits (respectively) by replacing the D3215-041/-043 Harness Assemblies with D3446-041/-043 Harness Assemblies (respectively) per the appropriate installation procedure of this ICA. Note that 1x D3446-041 will replace 2x D3215-041 and 1x D3446-043 will replace 1x D3215-043.

The components in the Dart kits are as defined in the tables in Section 25.27-25.29 of this ICA. For convenience, only the last three digits of the part number are listed on the top row of each table. The quantity of each component, which is included in the D412-702-011 13-Man Shoulder Harness Kit, for example, is as defined in the column labeled -011.

**Figure 1.1** shows the D412-702-011/-021 13-man shoulder harness kits and **Figure 1.2** shows the D412-702-019/-029 1-man shoulder harness kits. **Figure 1.3** shows the D412-702-041A/-041B 13-man shoulder harness kits and **Figure 1.4** shows the D412-702-049A/-049B 1-man shoulder harness kits.



**FIGURE 1.1 DART D412-702-011/-021 13-MAN 4-POINT SHOULDER HARNESS KIT**  
(D412-702-021/-023/-025/-027 KITS SHOWN; D412-702-011/-013/-015/-017 KITS SIMILAR)

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**01-00-00**

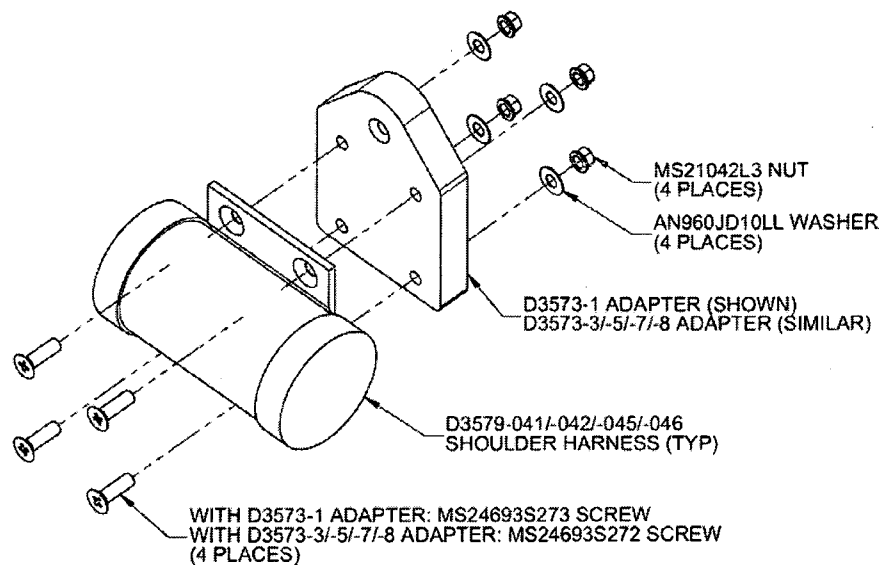
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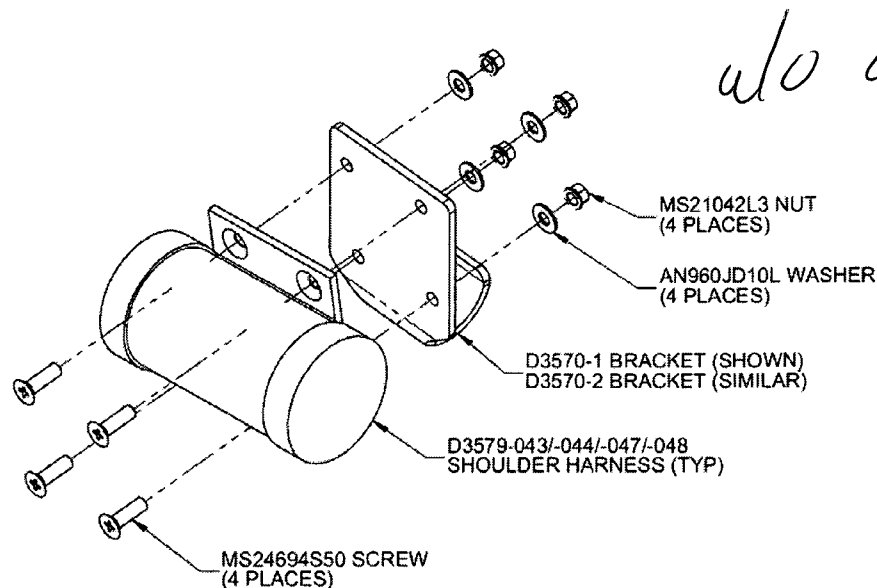
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**DETAIL 'K' D412-702-101A/-103A/-105A/-107A/-109A/-115A/-117A AND  
D412-702-101B/-103B/-105B/-107B/-109B/-115B/-117B HARNESS ASSEMBLIES**  
(BELTS, K6.2 CLIP AND D3569-1/-2/-3 DECAL NOT SHOWN)



**DETAIL 'L' D412-702-111A/-111B/-113A/-113B HARNESS ASSEMBLIES**  
(BELTS AND D3569-1/-2/-3 DECALS NOT SHOWN)

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W/O:		WORK ORDER CHANGES					
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